

Listing of Claims:

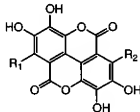
1. (Currently amended) A method of treating Alzheimer's disease, in a mammal suffering there from, comprising administration to the mammal of a therapeutically effective amount of an isolated pure compound selected from the group consisting of the compounds of formula A, formula B, and formula D:



Formula A



Formula B



Formula D

where: R₁ and R₂ are independently selected from hydrogen, halogen, C₁₋₆ alkyl and C₁₋₆ alkoxy; X is selected from hydrogen and the group consisting of

- (a) hydroxy, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, and cycloamino,
- (b) C₁₋₂₂ alkyl, C₁₋₂₂ alkoxy, C₁₋₂₂ alkylthio, and C₄₋₂₂ alkylcarboxyl, each optionally substituted with 1 to 5 moieties selected from the group consisting of halogen, hydroxy, mercapto, amino, nitro, C₁₋₆ alkoxy, C₁₋₆ alkylthio, and C₁₋₆ alkylcarboxyl,
- (c) aromatic and heteroaromatic groups substituted with 3 adjacent hydroxy groups, and optionally substituted with 1 to 5 substituents selected from halogen, C₁₋₆ alkyl and C₁₋₆ alkoxy, each optionally substituted with up to 5 halogen atoms,
- (d) sugars, optionally substituted with one or more anionic groups selected from sulfate, phosphate, phosphonate, carboxylate, and sulfonate groups, and
- (e) peptides ~~and but excluding pyrogallol~~, and pharmaceutically acceptable salts thereof.

2. (Previously presented) The method of Claim 1 where only one active ingredient compound is administered.

3. (Previously presented) The method of Claim 1 where the mammal is a human.

4-16. (Canceled).

17. (Previously presented) The method of Claim 1 where R₁ and R₂ are independently selected from the group consisting of hydrogen; C₁₋₆ alkyl, C₁₋₆ alkoxy, and C₁₋₆ alkylthio, in each of which the alkyl group is optionally substituted with 1 to 5 halogen atoms; and halo.

18. (Currently amended) The method of Claim 1 where X is selected from hydrogen and the group consisting of

(a) hydroxy, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, and cycloamino,

(b) C₁₋₂₂ alkyl, C₁₋₂₂ alkoxy, C₁₋₂₂ alkylthio, and C₄₋₂₂ alkylcarboxyl, each optionally substituted with 1 to 5 moieties selected from the group consisting of halogen, hydroxy, mercapto, amino, nitro, C₁₋₆ alkoxy, C₁₋₆ alkylthio, and C₁₋₆ alkylcarboxyl, and

(c) aromatic and heteroaromatic groups substituted with 3 adjacent hydroxy groups, and optionally substituted with 1 to 5 substituents selected from halogen, C₁₋₆ alkyl and C₁₋₆ alkoxy, each optionally substituted with up to 5 halogen atoms.

19. (Previously presented) The method of Claim 1 where X is selected from hydrogen and the group consisting of hydroxyl and amino.

20. (Canceled)

21. (Previously presented) The method of Claim 1 where the compound is a compound of formula A or formula B, or a pharmaceutically acceptable salt thereof.

22-24 (Canceled)

25. (Previously presented) The method of Claim 1 where the compound is a compound of formula D or a pharmaceutically acceptable salt thereof.

26-30 (Canceled)